

# SEFINEH TESFA

Software engineering student



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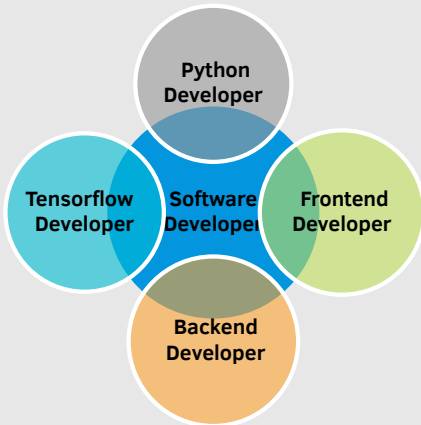
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sefinehtesfa34

## Technical Skills

### Overview



### Programming

• Python



• JavaScript, Java



• SQL



• C, C++ •



## Interests

• Public speech

• DSTV

• football

• video games

## Soft skills

• Team work: Able to work in team

• Work ethics: Consistent, motivated

## Education

### Bachelor of Software engineering, Addis Ababa University

- An avid problem solver who has the capability to work independently as well as communicate and collaborate with a team
- Addis Ababa University is the sixth top African Universities. [refer](#)
- Courses: Web development, Mobile development, fundamentals of Artificial intelligence, fundamentals of Cyber security.
- CGPA: 3.54/4.0
- Graduation: June 2024

### Competitive programming, [A2SV](#)

- A2SV upskills high-potential African students, connects with top silicon valley companies and creates digital solutions to urgent problems in their home countries. A2SV students have achieved 70 percent (31/44) success rate in 2022 at Google Software Engineering interviews.
- Learnt data structures and algorithms in depth
- Solved more than 650 problems and optimized solutions on leetcode.
- Have a gold and a silver problem solving badges on hackerrank.
- Improved communication skills

## Experience

July 01, 2022 - **Backend developer, [A2SV](#)**

Sept 9, 2022

- Developed a digital library system in a team - ([Atrons](#)).
- Tools: Nodejs, Expressjs, JavaScript/Typescript, MongoDB, Atlas
- Four projects were running for a prize of \$8,000 with four groups at Africa to Silicon Valley - A2SV, Addis Ababa, Ethiopia.
- Awards: Won the prize of \$8,000.

Jan 01, 2022 - **C developer, Addis Ababa University**

June 01, 2022

- Learnt C program in depth.
- Learnt Deterministic Finite Automata (DFA).
- Learnt multi-threading and synchronization in C program.
- Learnt Operating System using C program.
- Learnt dynamic memory allocation in a C program.

Jan 2022 - **Machine learning intern, [iCogLabs](#)**

April 2022

- iCog Labs is a team of visionary software professionals, dedicated to advancing the frontier of artificial intelligence research and applications and delivering quality products to customers, based in Addis Ababa, Ethiopia.
- Focused on developing machine learning models.
- Projects: Article recommendation system
- Helped to develop four article recommender models.
- Models: Collaborative filtering, content-based, item-item and user-user based recommender models.
- Aimed to build a decentralized social media platform - [link](#).
- Tools: Python, Jupyter notebook, TensorFlow, Pandas, Numpy.

## Certifications

### Google Analytics Academy, Coursera, Amazon and IBM

- [Exploratory Data Analysis for Machine Learning - IBM](#)
- [Natural Language Processing specialization - Coursera](#)
- [Deep Learning specializations - Coursera](#)
- [Linear Algebra for Machine Learning - Coursera](#)
- [Introduction to machine learning in production - Coursera](#)
- [Tensorflow and Pytorch - AWS](#)